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ABSTRACT

A method and apparatus for protecting exposed pipeline joints on weight coated pipelines used in offshore applications. The method allows quick installation on a lay barge where pipeline sections are being welded together for offshore installation. The method does not require a long cure time before handling. The method protects the corrosion coating on pipeline joint sections not covered with weight coat by forming a pliable sheet of polyethylene into a cylindrical cover material sleeve over the exposed pipeline joint connection. Polyurethane chemicals are reacted to form a high density foam which fills an annular space between the pipe and the cover material sleeve. The cover material sleeve and the foam form a composite system to protect the joint connection whereby the foam provides continuous compressive reinforcements and impact resistance and the sleeve provides puncture resistance and protection from water jetting/post trenching operations plus abrasion resistance.